

HP DV6000 or DV9000 with two gpu's instructions

1. Remove both heatsinks and clean any dust from the fans and cooling fins
2. Peel off the aluminum pads/clean off the old thermal paste and remove the blue pad. Do not remove the ram chip thermal pads surrounding the larger gpu
3. Use the sandpaper to polish the copper contacts and printing on the larger gpu for best thermal conductivity if desired
4. Apply a small amount of thermal paste(see page 2) to both gpu contacts on the heatsink(s)
5. Apply shim A to the gpu contact closest to the cpu and shim D on the other - See <http://goo.gl/yZxod> (case sensitive) for a pictured reference
6. On the motherboard apply thermal paste to all gpu's/cpu and ram chips surrounding the second gpu
7. Apply the small shims on each of the 1-4 ram chips, do not remove the stock thermal pads from the heatsink
8. Install then remove the heatsink(s)

- If the larger gpu's(nvidia) thermal paste is not making contact or not making enough contact remove shim D and apply shim C
- If the middle gpu's thermal paste is not making contact or not making enough contact skip the next step and see the below instructions
- If the paste is making good contact apply more thermal paste to the cpu and gpu's and reinstall the heatsink

-If the middle gpu is not making direct contact-

Most boards will be shim A thickness, some (intel mostly) can have a larger or smaller gap

Shim A will be too thick if the cpu is not making direct contact also, if so use shim B and the purple thermal putty, see <http://goo.gl/e1A9T> for a pictured reference

If the gap is larger then shim A most will be an exact fit with shim A and C stacked together with thermal paste between each, if not use shim A and the thermal putty.

--Thermal paste--

Use the paste sparingly, the pictures show more than enough for each heatsink/shim/gpu/cpu contact. You should only need about half of the syringe per install.

